

**FIG. 1A**

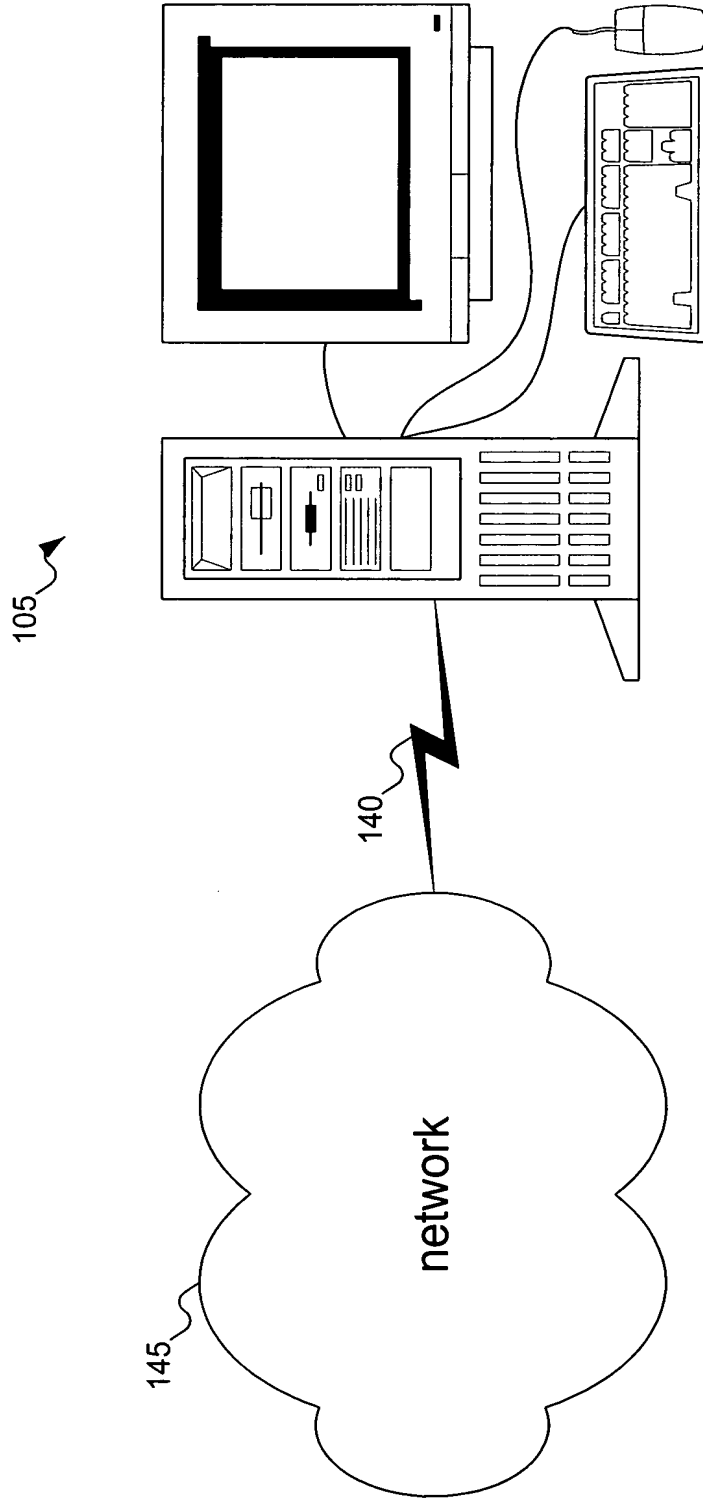
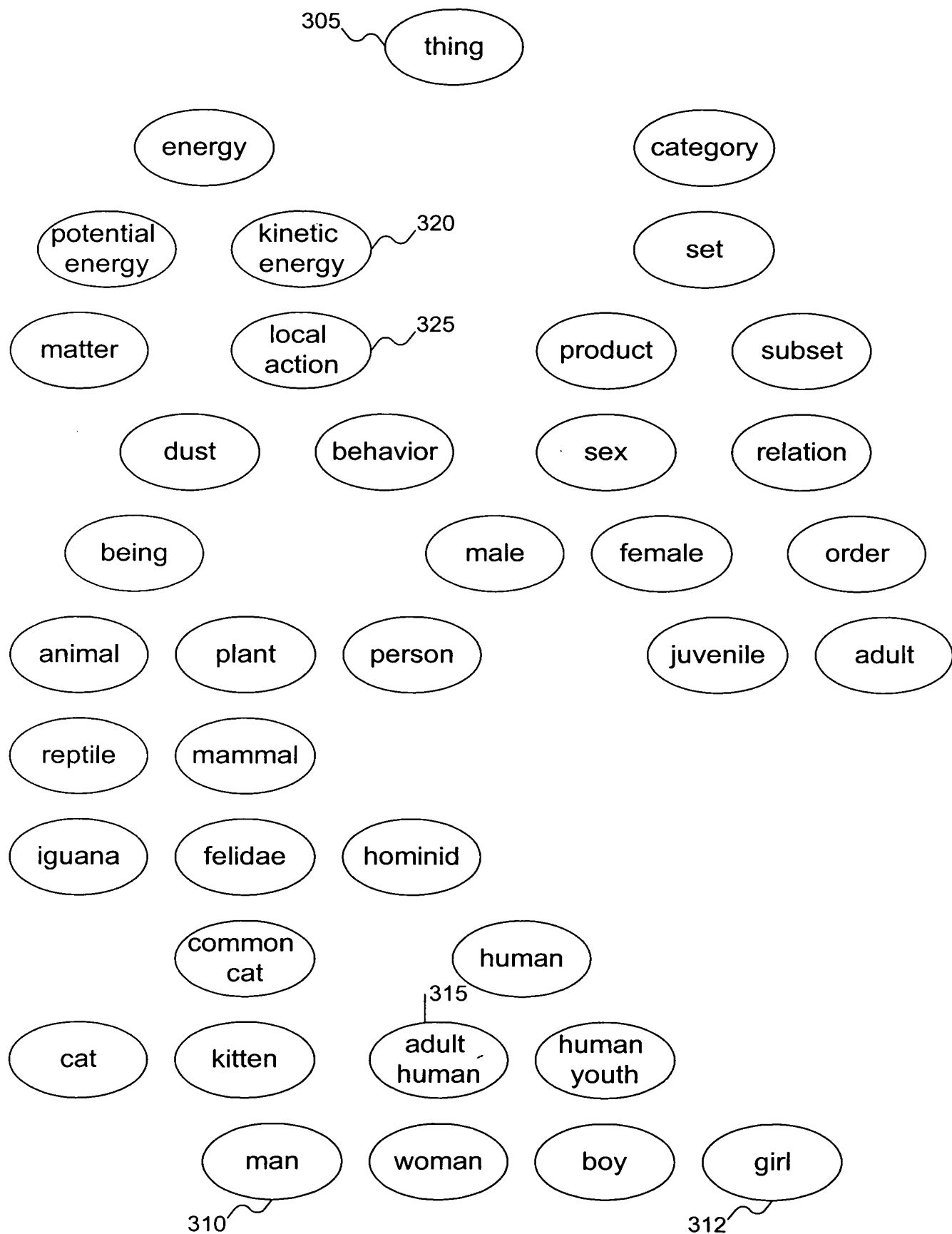
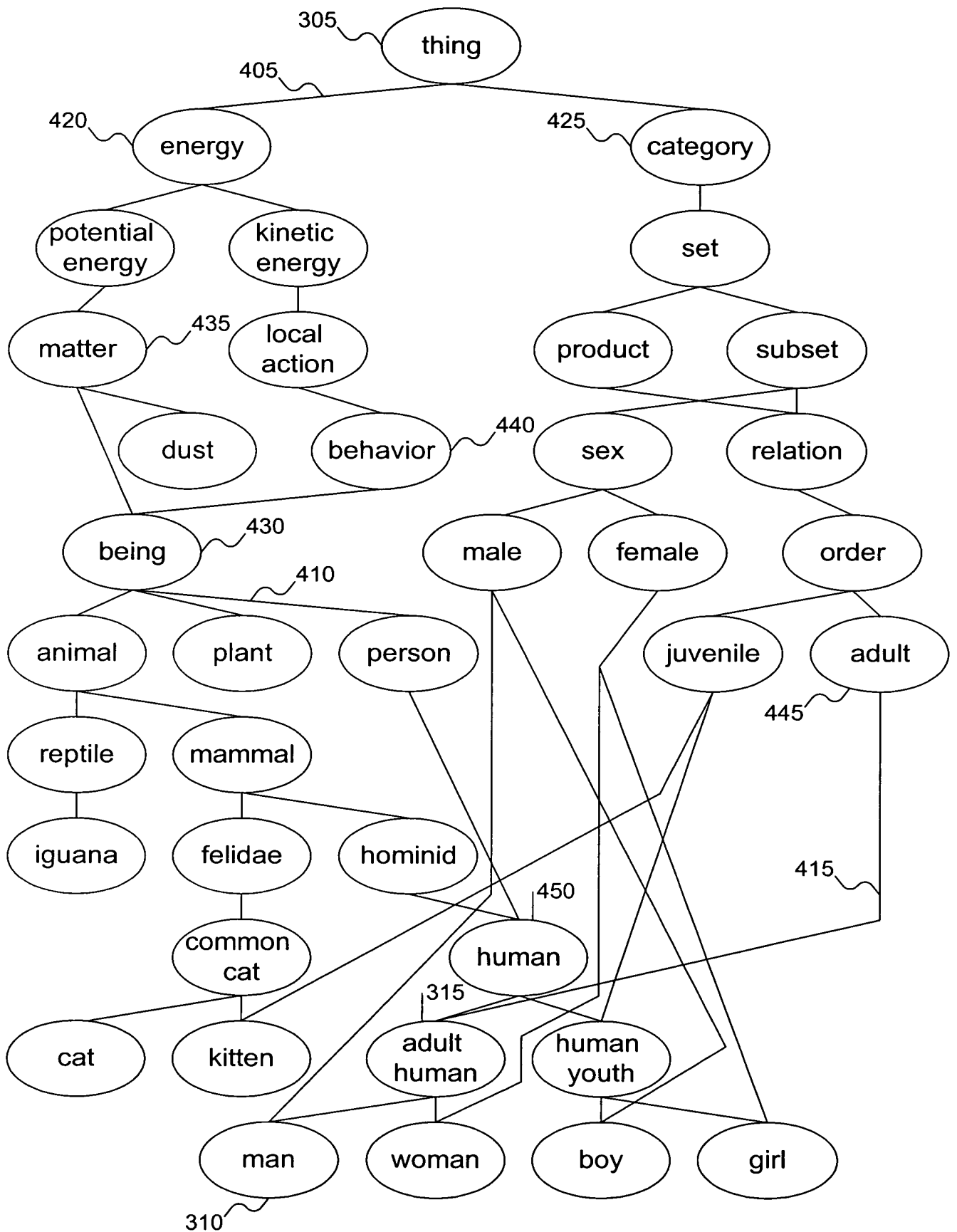


FIG. 1B





**FIG. 3**



**FIG. 4**

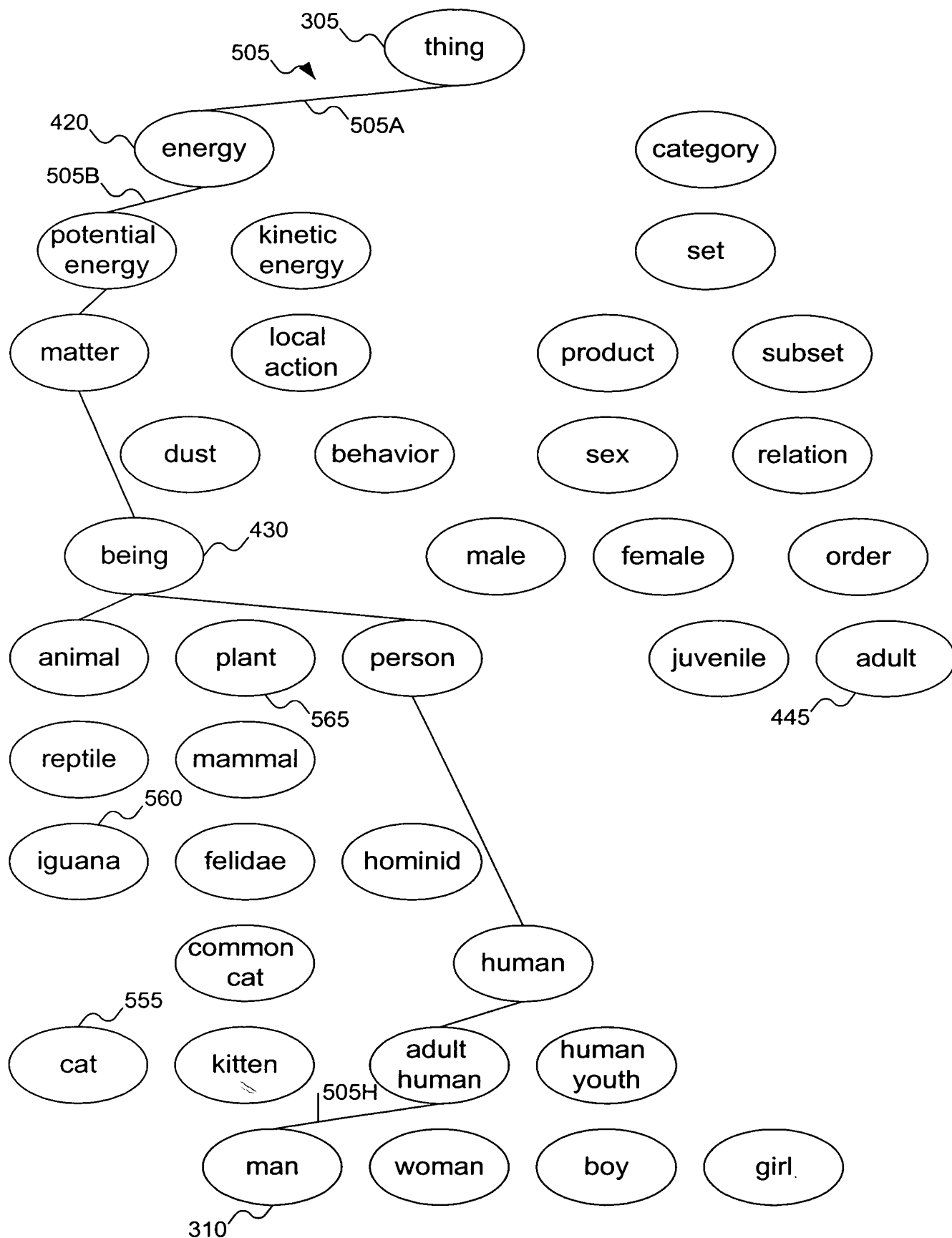
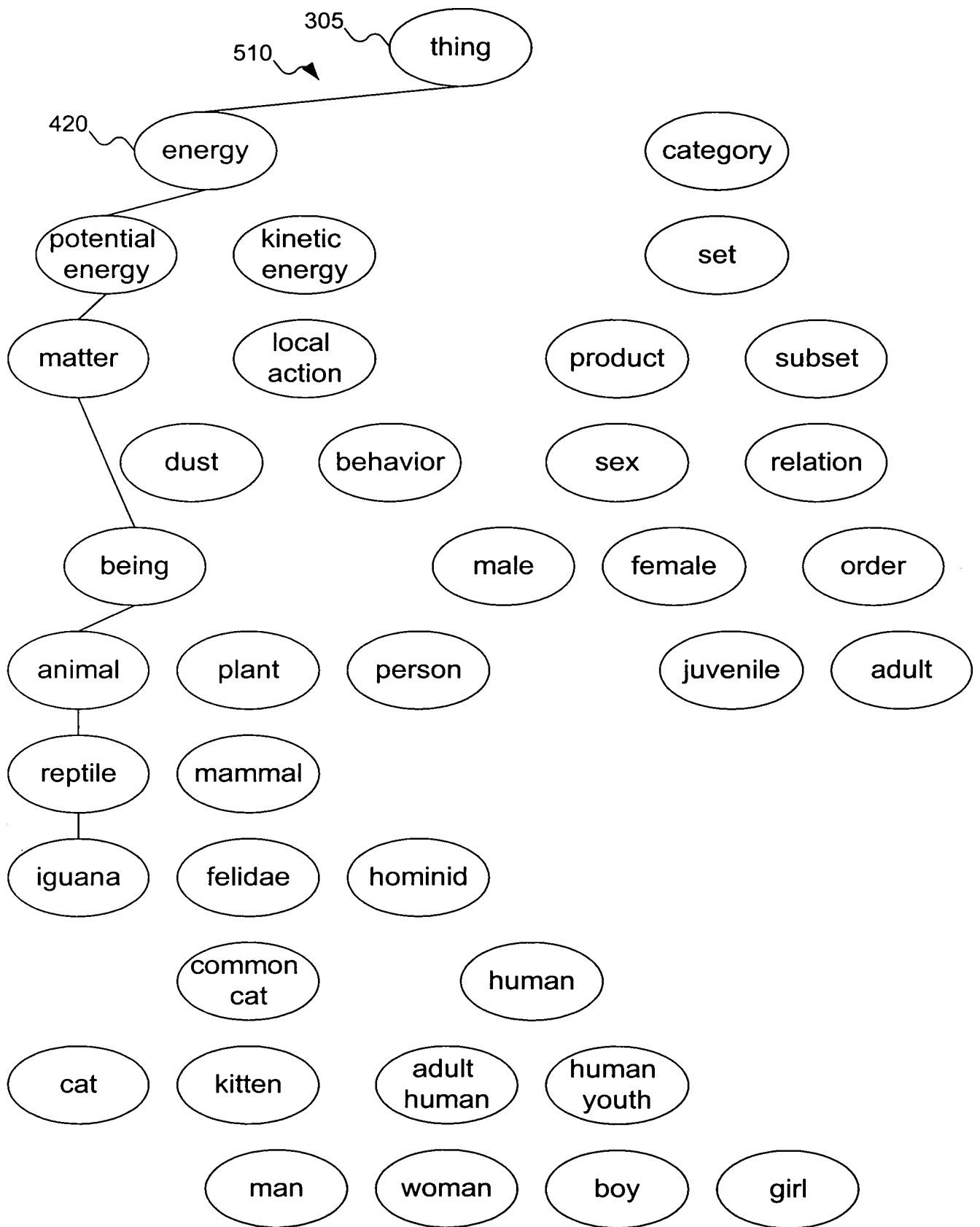
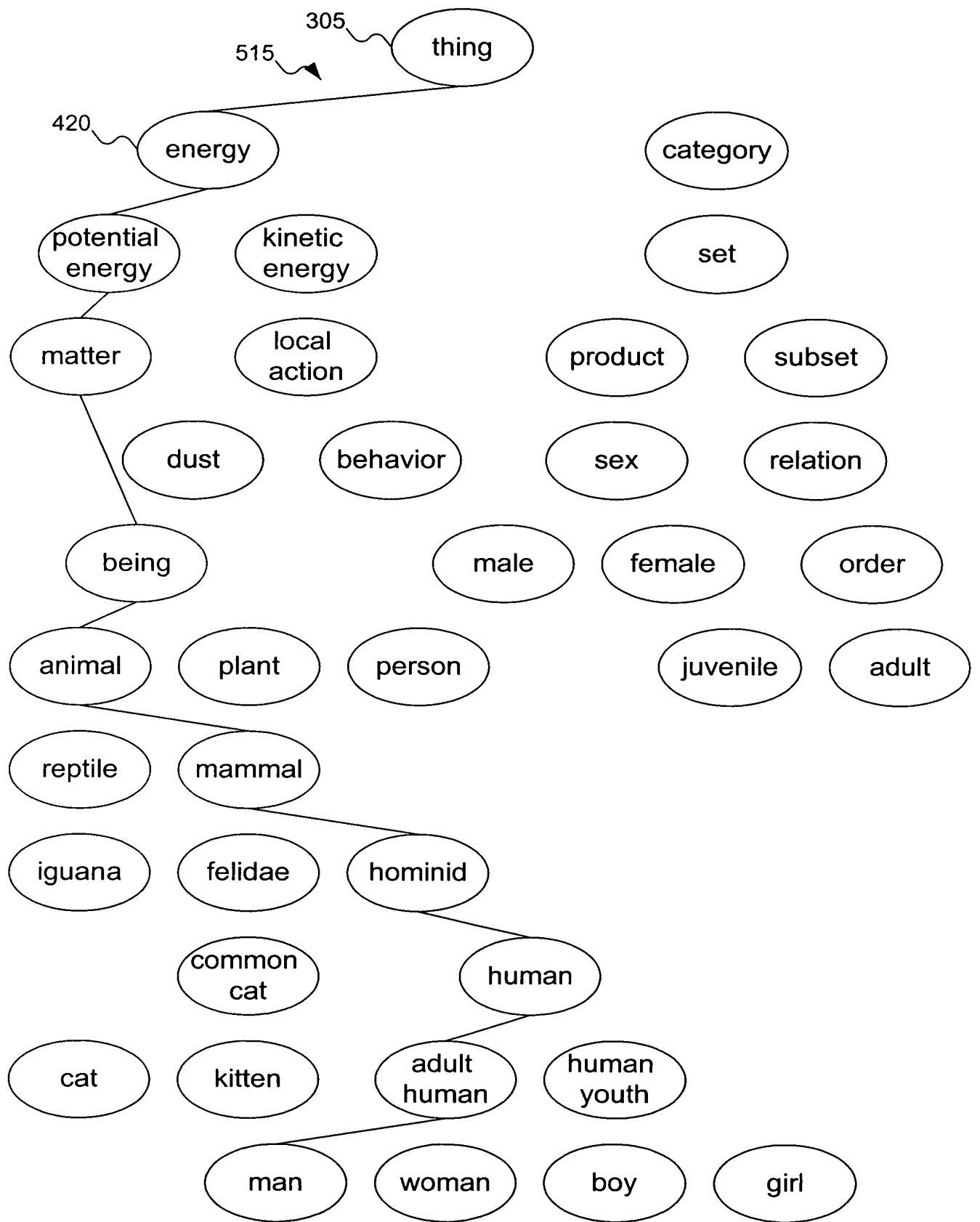


FIG. 5A



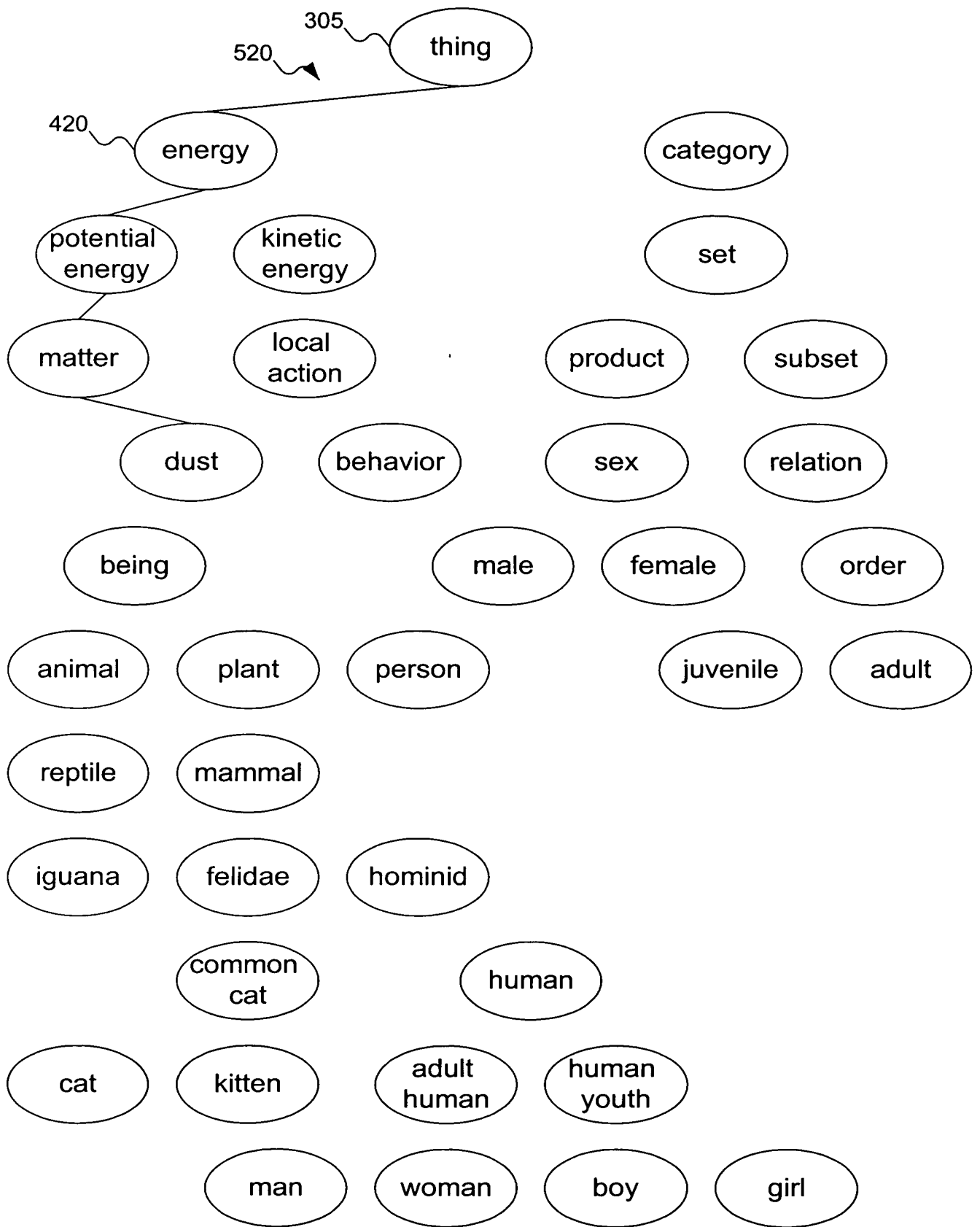
**FIG. 5B**



310

FIG. 5C





**FIG. 5D**

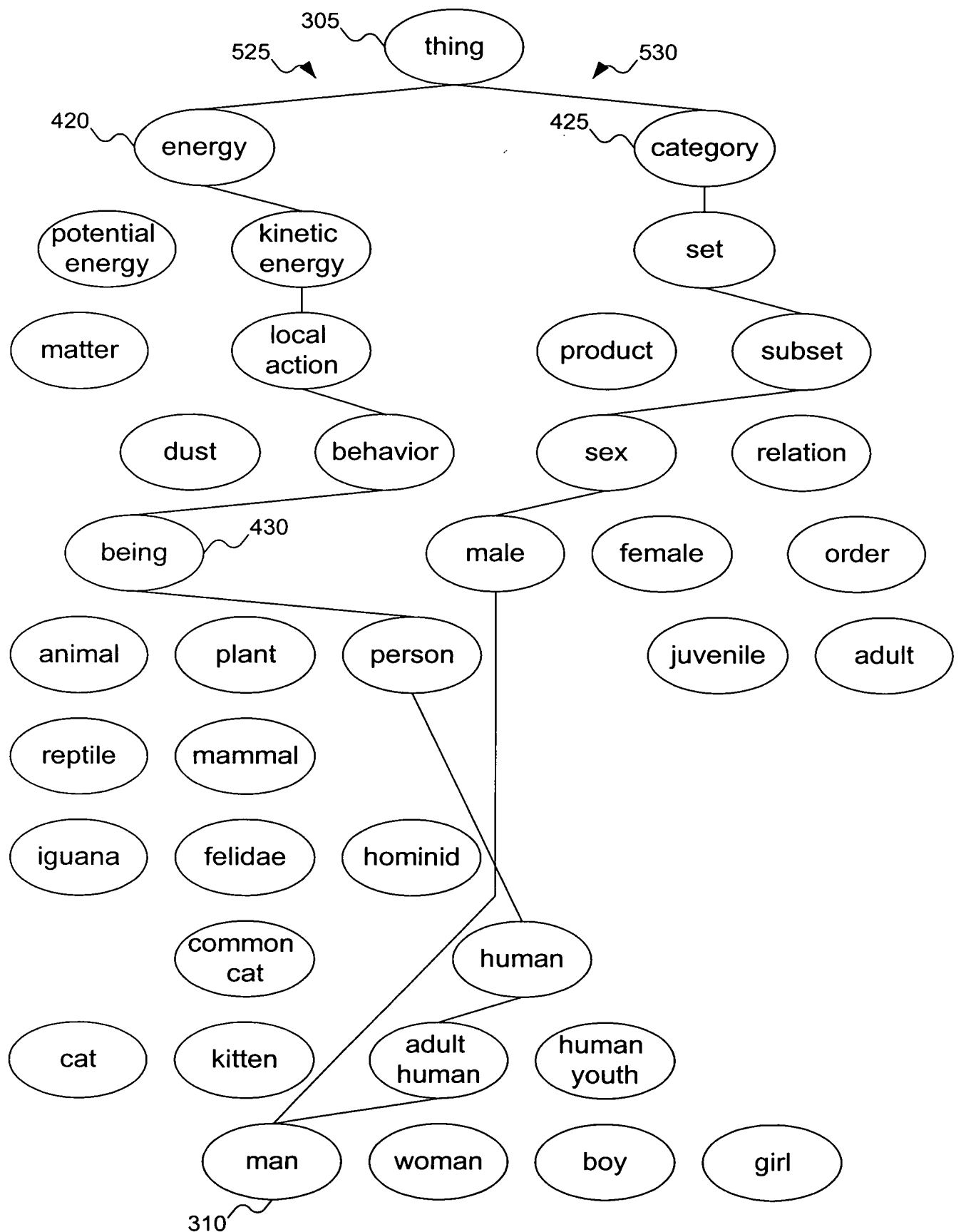
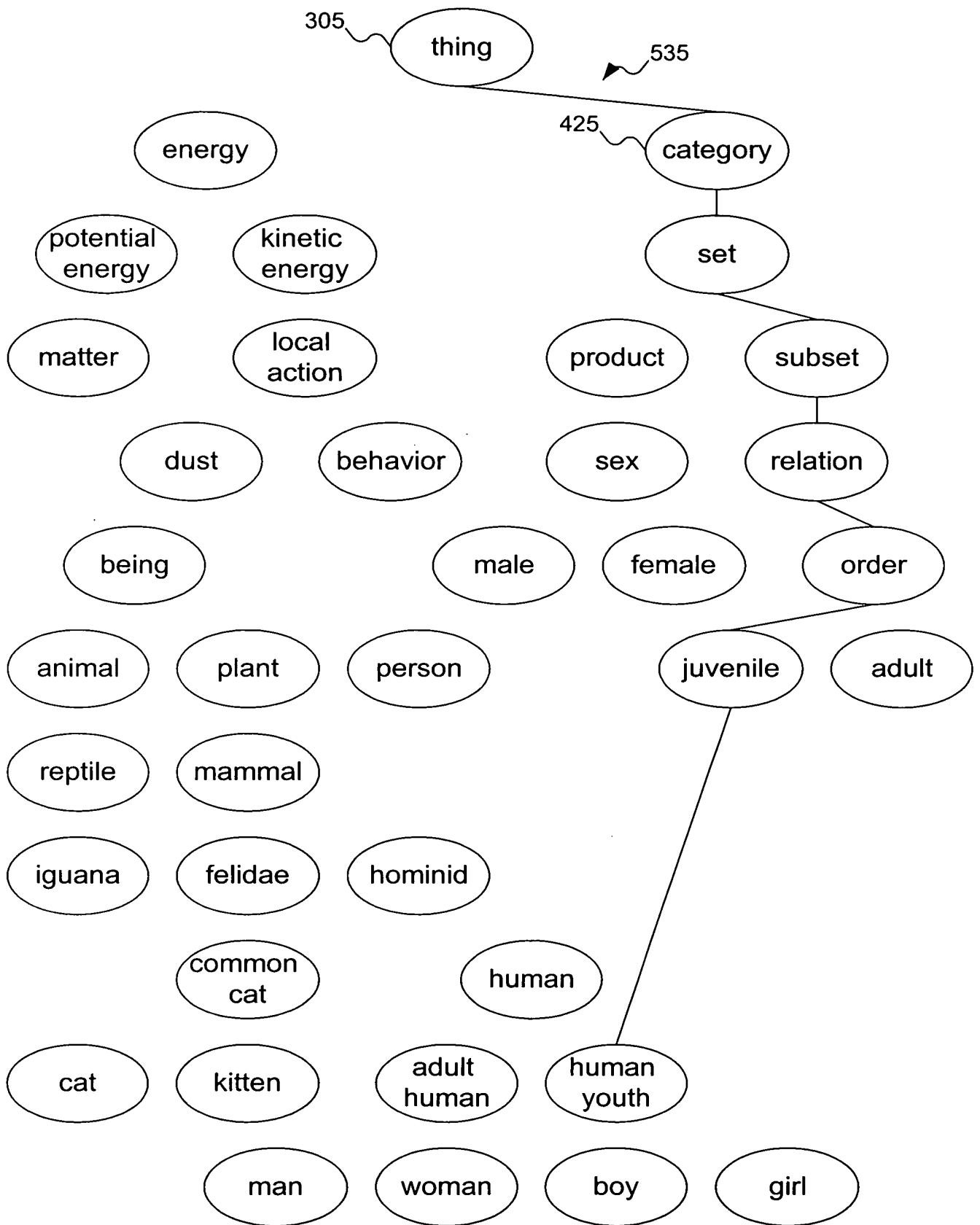
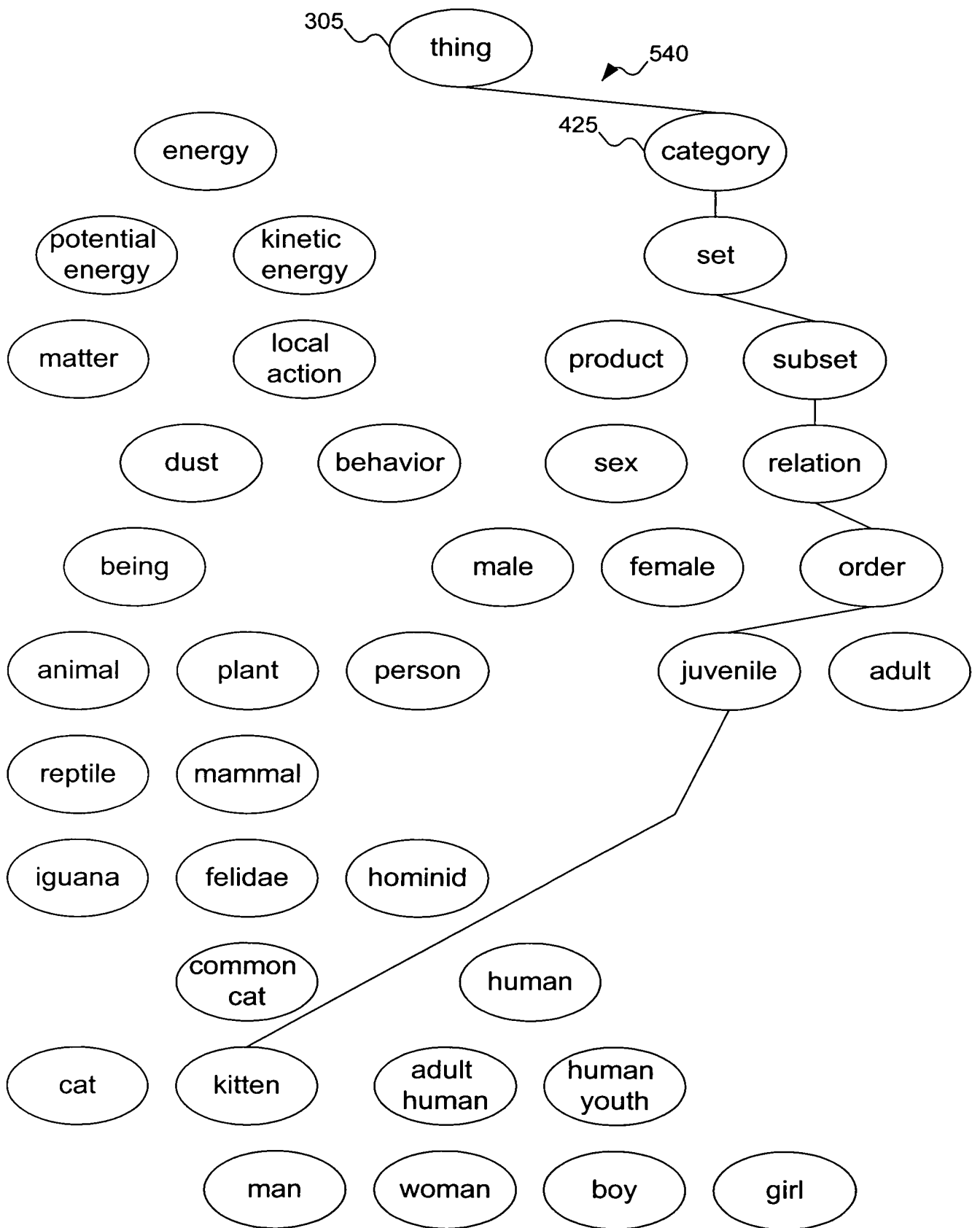


FIG. 5E



**FIG. 5F**



**FIG. 5G**

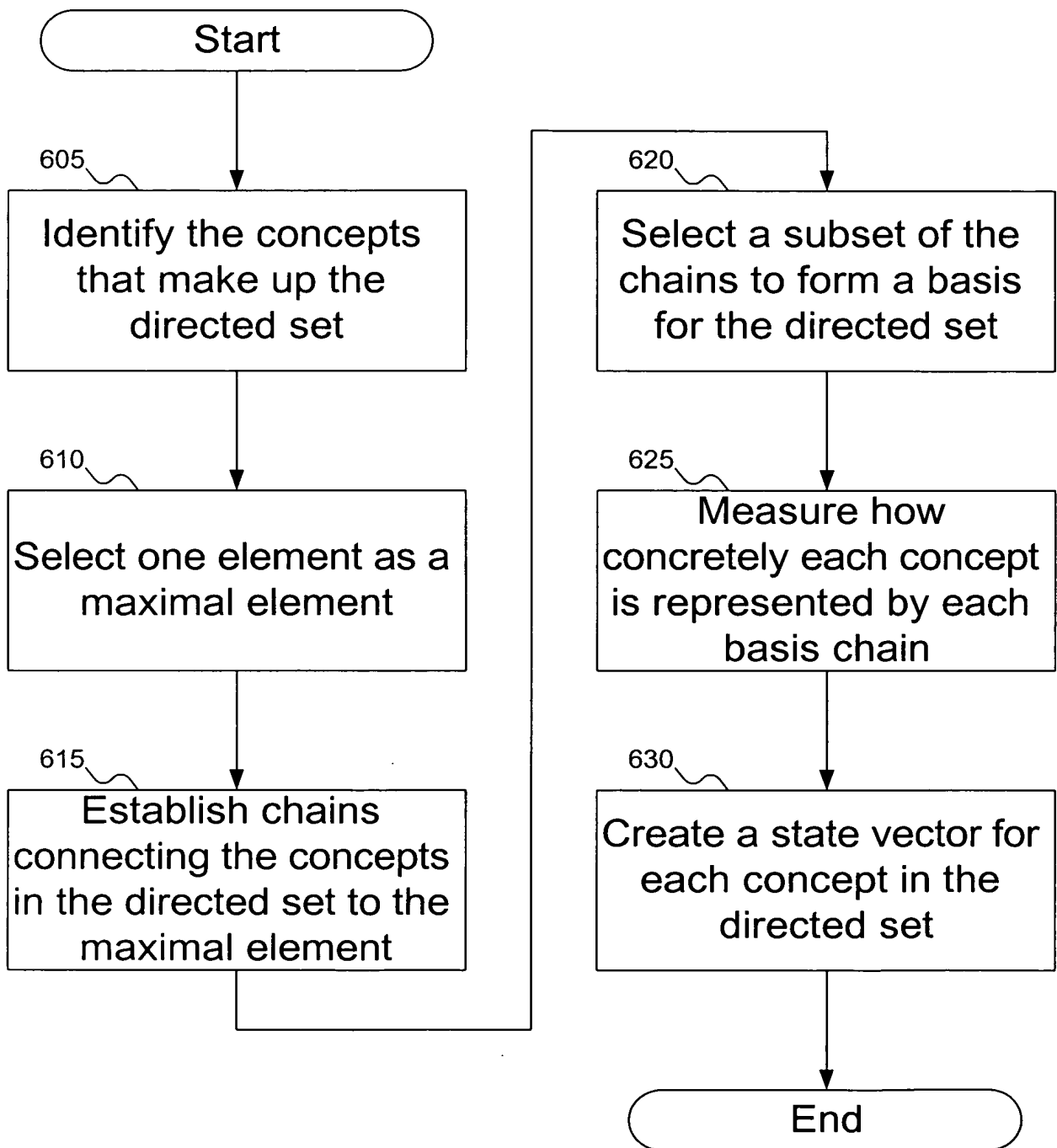
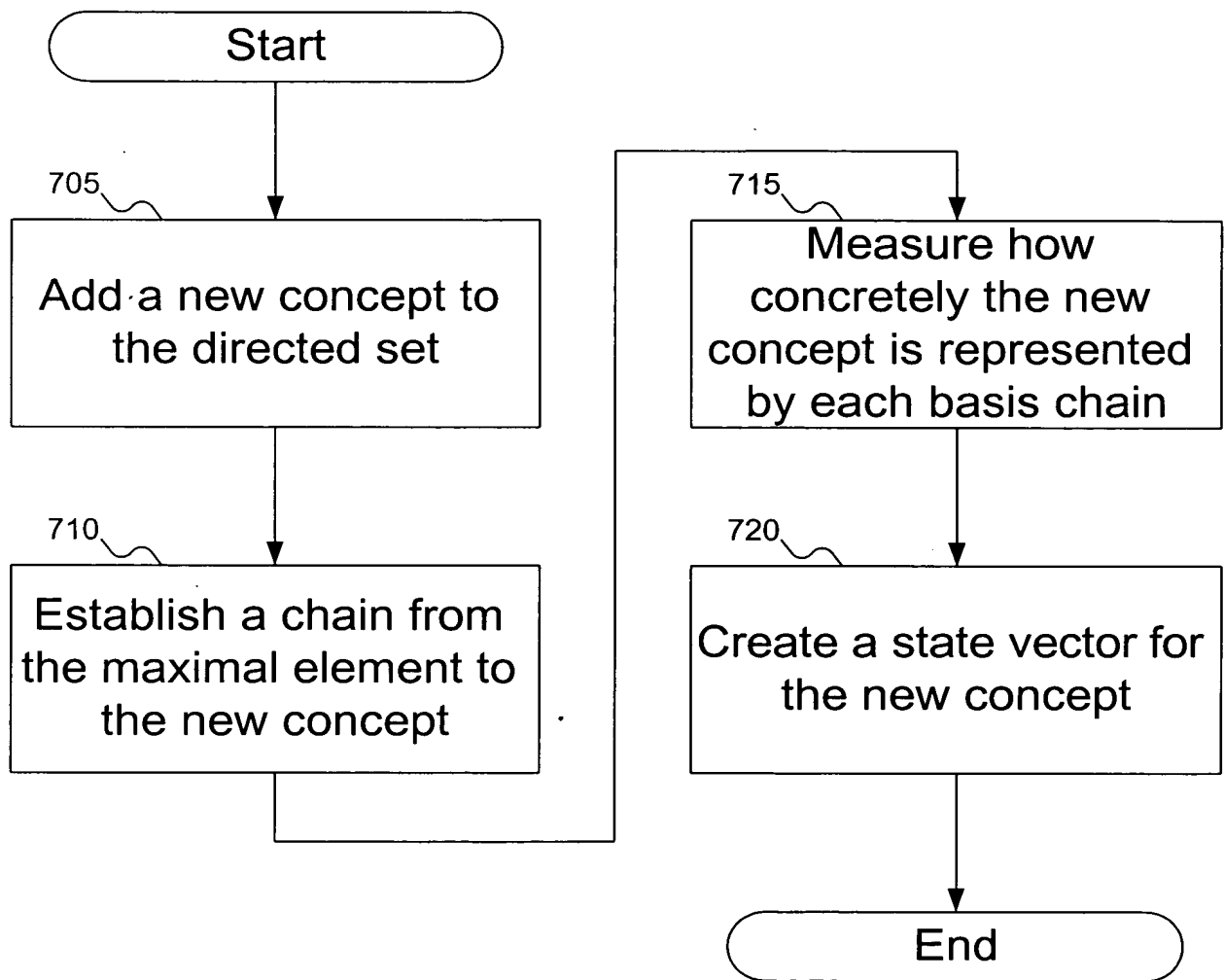


FIG. 6

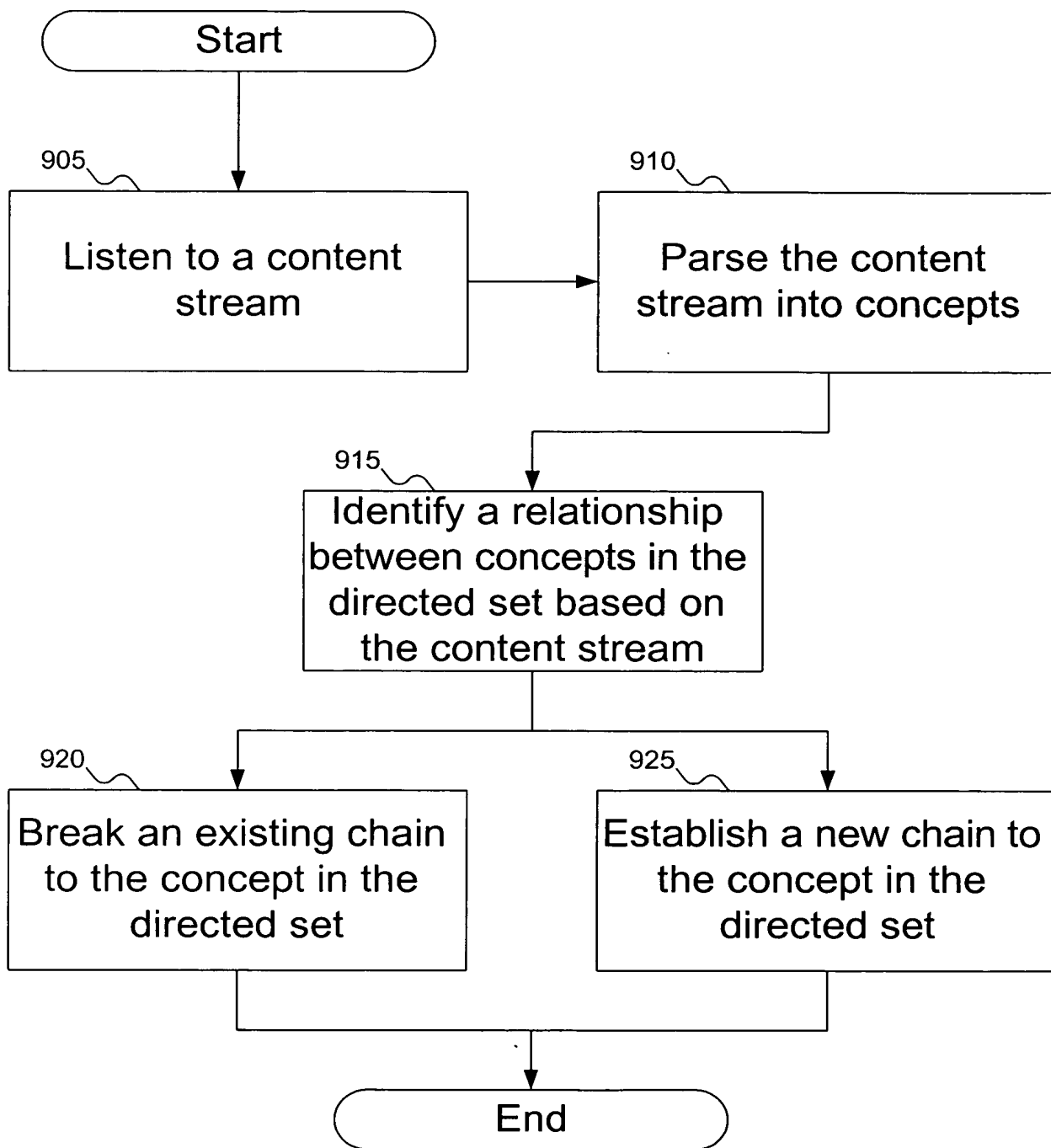


**FIG. 7**

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graph TD; Start([Start]) --> 805[Remove a chain from the basis]; Start --> 810[Add a new chain to the basis]; 805 --> 820[Adjust the state vectors for each concept to reflect the change in basis]; 810 --> 815[Measure how concretely each concept is represented by the new basis chain]; 815 --> 820; 820 --> End([End]);
```

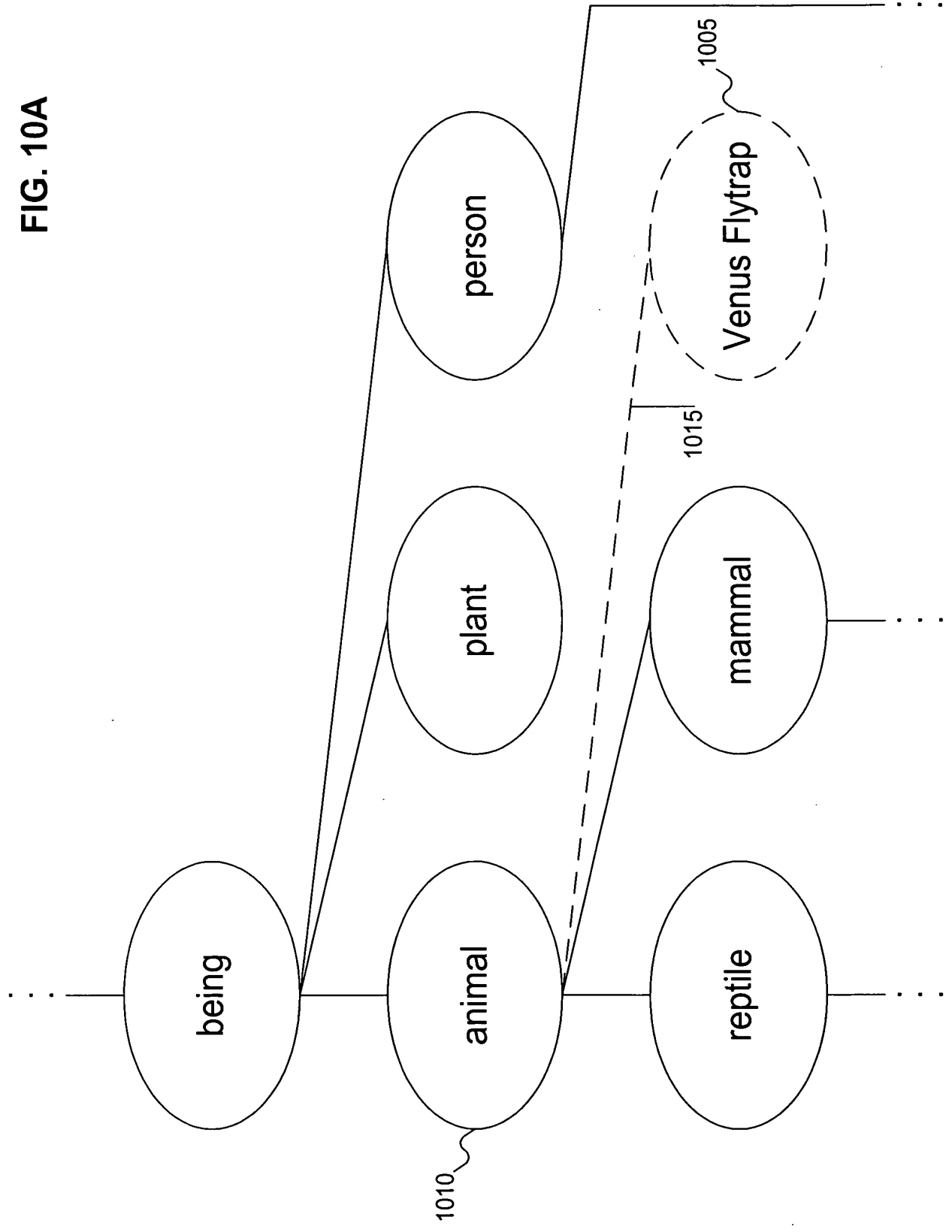
The flowchart illustrates a process for adjusting state vectors based on changes in the basis. It begins with a 'Start' terminal, which branches into two parallel paths: 805 'Remove a chain from the basis' and 810 'Add a new chain to the basis'. Path 805 leads directly to step 820. Path 810 leads to step 815 'Measure how concretely each concept is represented by the new basis chain', which then also leads to step 820. Step 820 'Adjust the state vectors for each concept to reflect the change in basis' is the final processing step before reaching the 'End' terminal.

**FIG. 8**

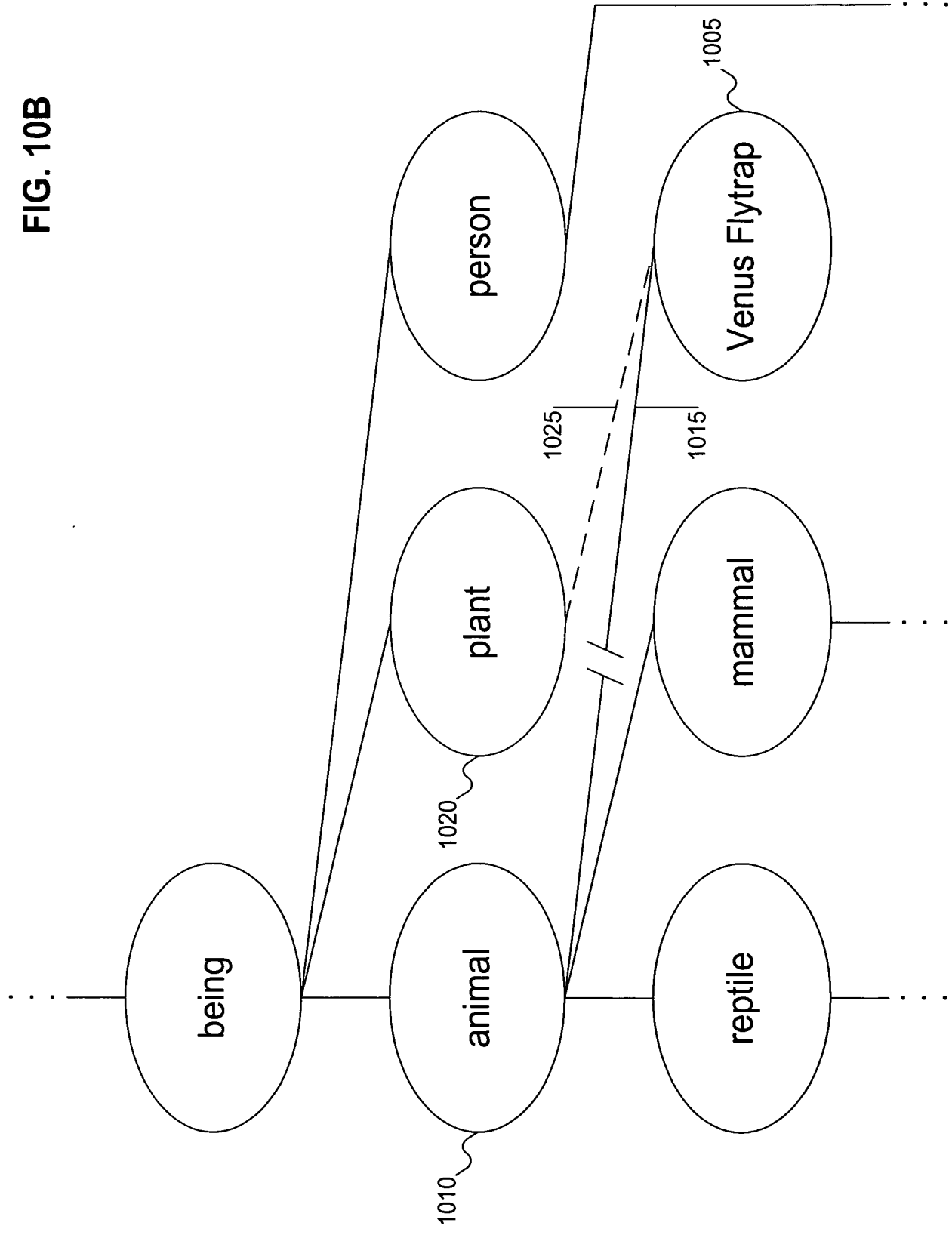


**FIG. 9**





**FIG. 10A**



**FIG. 10B**

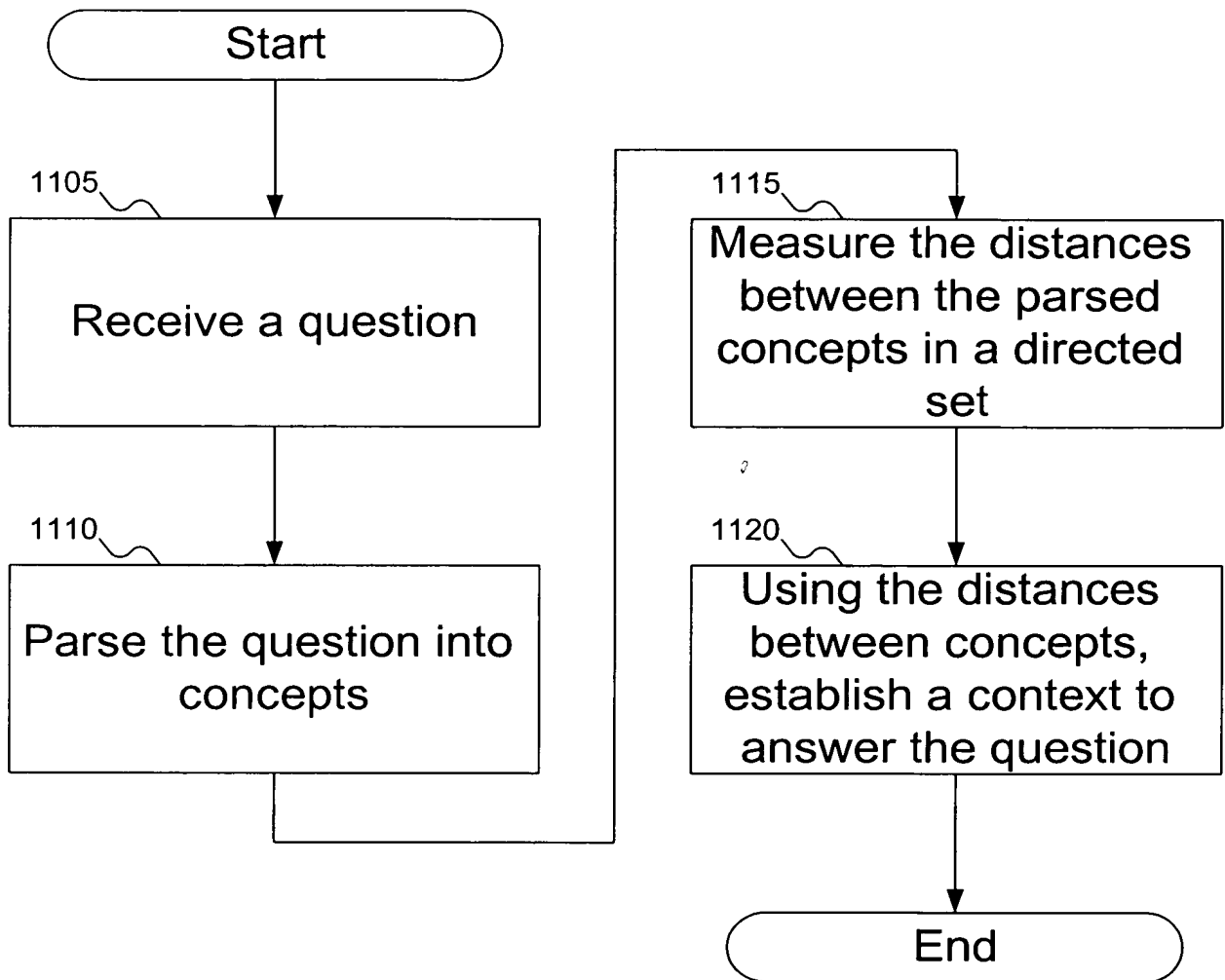
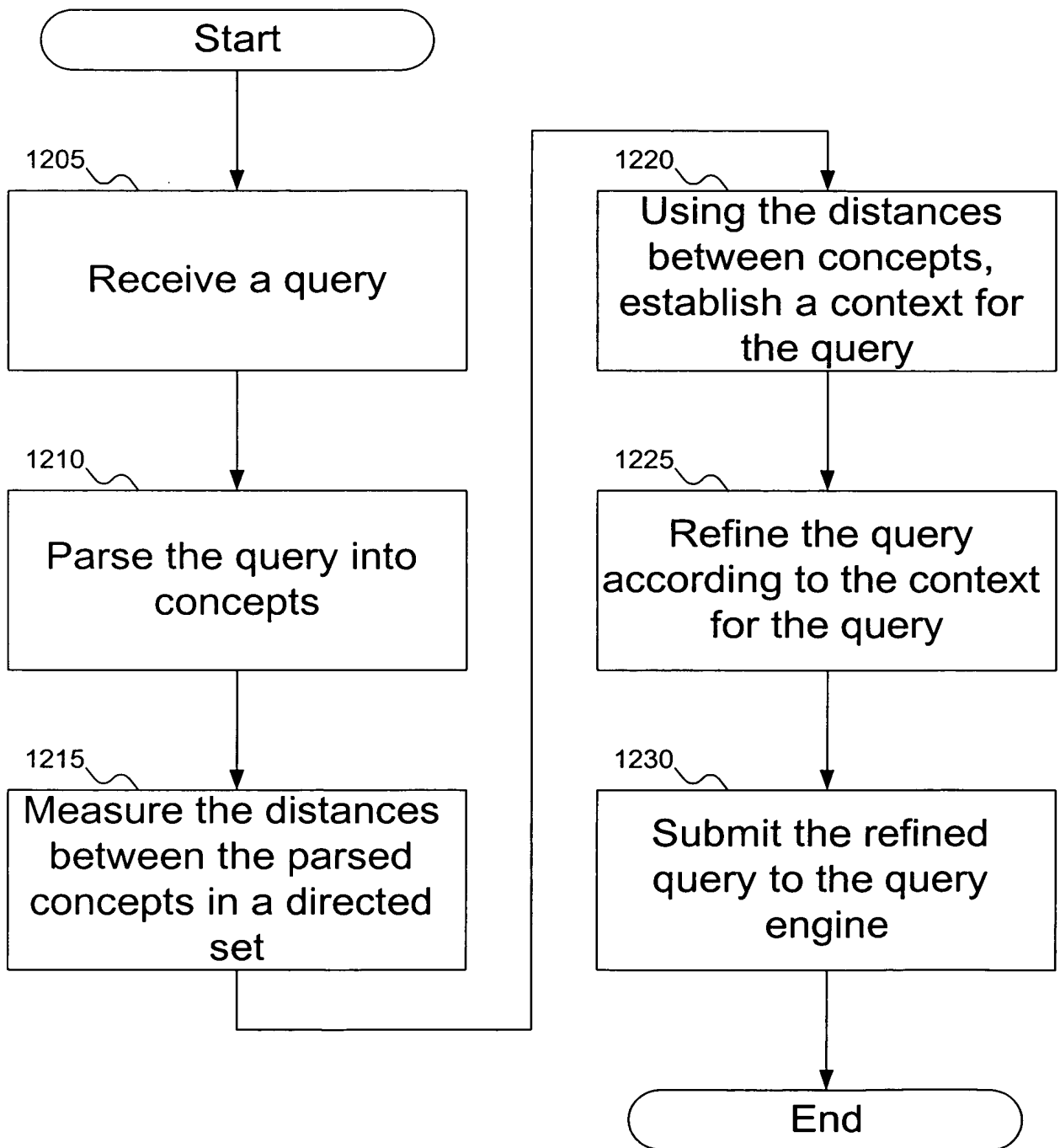
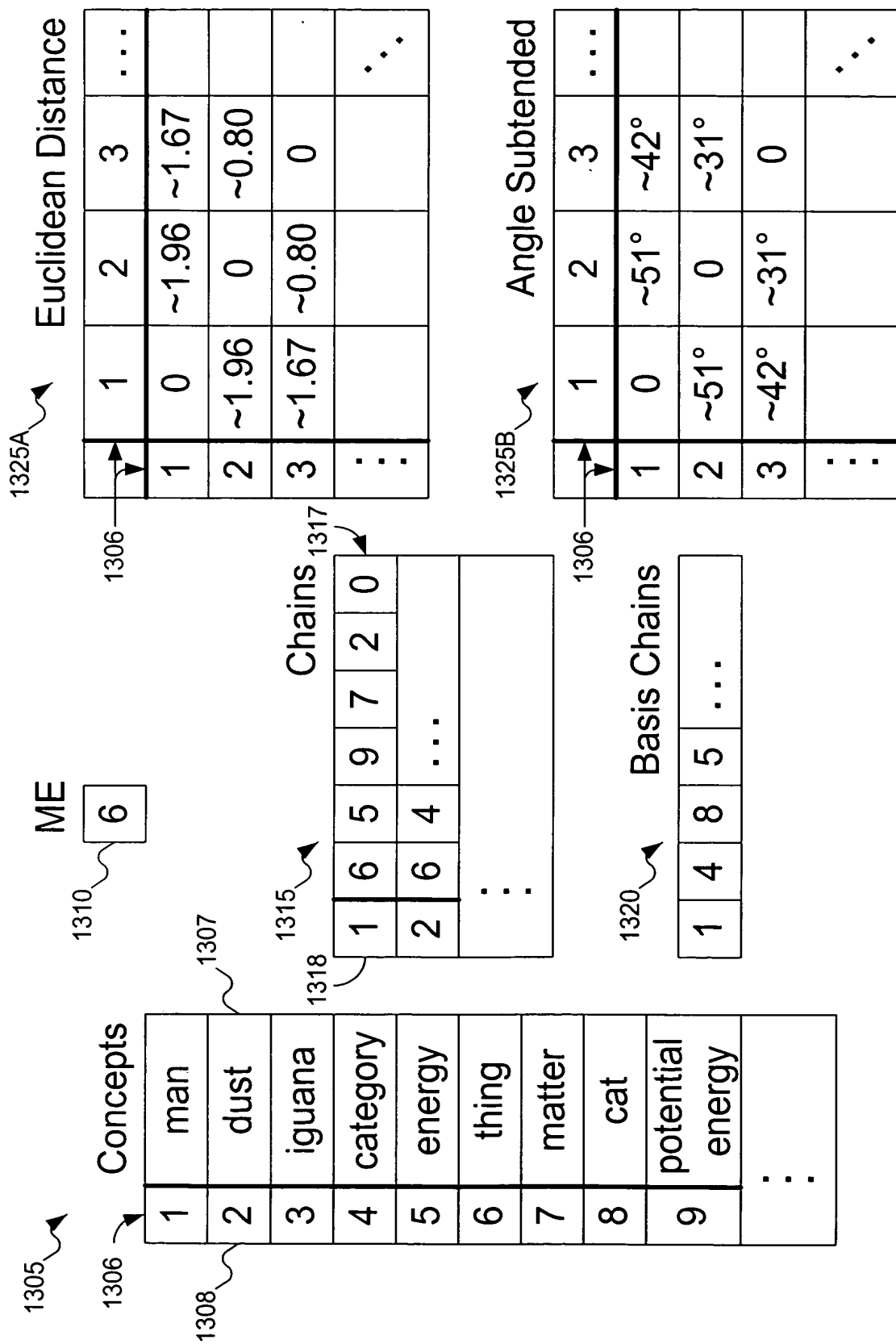


FIG. 11



**FIG. 12**



**FIG. 13**